

## UCSC 25<sup>th</sup> Anniversary Lecture Series

# Web 2.0, **Cloud Computing** and the Impact

There have been many new advances in the computing field in recent times. Web 2.0 and Cloud Computing are two such areas that are beginning to significantly impact how we develop, deploy and use computer applications. Web 2.0 has changed the World Wide Web from the original traditional publishing model of information into a collaborative information creation model. Today people are extensively using some of the Web 2.0 applications such as Wikipedia, YouTube and Twitter to create and share information. Cloud Computing presents a new way of deploying applications. Today we can get Infrastructure as a Service (IaaS), Platform as a Service (PaaS) or Software as a Service (SaaS). There are elastic clouds where memory and processing power get allocated based on computing resources required at the time.

In this seminar I will present an overview of Web 2.0 and Cloud Computing, show some examples of these in use and discuss the impact these will have in the way we will create and share information and the way we will be hosting computing applications.

### Date

13th January 2010

### Time

5.15 p.m.

### Venue

Prof. V. K. Samaranayake Auditorium  
University of Colombo School of Computing  
35, Reid Avenue, Colombo.



### About the Speaker

## Professor Athula Ginige

Athula Ginige is a Professor of Information Technology at University of Western Sydney. He is also the Director of Advanced enterprise Information Management Systems (AeIMS) research group. He graduated with B.Sc. first class honours in Mechanical Engineering from University of Moratuwa, Sri Lanka. He obtained his Ph.D. from the University of Cambridge, England. Athula has carried out extensive research in the areas of robotics, computer vision, image coding, multimedia systems, development of large scale Web based information systems, information structures for interactive flexible learning modules, new information retrieval strategies for the Web and, eTransformation strategies and supporting technologies for small to medium size enterprises (SMEs). He has also been involved in design and development of various web based information systems and eBusiness systems that are used by various commercial organisations today.

He has over 150 Journal and Conference publications. He has given many invited talks, seminar presentations and tutorials at various local and international conferences on video coding, multimedia information systems, Web Engineering, Emerging Information Society and eBusiness. He has successfully supervised 12 PhD students.

### The UCSC Public Lecture Series

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